Animals All Around (K-5th Grade)

Amazing Anatomy (Dissection Lab) (2nd-5th Grade)
Explore the parts of the body and functions of organs through hands-on investigations and dissections of real frogs, earthworms, squid or owl pellets. Science: 2.LS1.1, 2.LS2.1, 2.ETS2.1, 3.LS1.1, 3.LS4.2, 4.LS2.2, 4.LS2.3, 4.LS2.4, 5.ETS2.2

Discovery Detectives (K-5th Grade)
Students will put on their detective badges and use forensic science to solve the mystery! Analyze the scene of the crime for evidence and learn how CSI agents use this scientific process to catch criminals. Science: K.LS1.1, K.LS1.2, K.LS1.3, K.ETS1.1, K.ETS2.1, 1.ETS1.1, 1.ETS2.1, 1.PS4.1, 1.PS4.2, 2.LS3.1, 2.LS3.2, 2.ETS1.1, 2.ETS1.2, 2.ETS1.3, 2.ETS1.4, 2.ETS2.1, 2.ETS2.2, 4.LS2.3, 4.ETS1.1, 4.ETS2.1, 4.ETS2.2, 4.ETS2.3, 4.PS4.1, 4.PS4.2, 4.PS4.3, 5.LS3.1, 5.LS3.2, 5.LS4.1, 5.LS4.2, 5.ETS1.1, 5.ETS1.2, 5.ETS1.3, 5.ETS2.1, 5.ETS2.2, 5.ETS2.3

Pumpkin Power (K-5th Grade)

Splash & Flash! (K-5th Grade)

Star Lab (1st-5th Grade)
Our STARLAB portable planetarium takes students on an exploration of the night sky – during the day! Activities include time inside and outside the planetarium. Program topics inside the planetarium include solar system, star fields, constellations, and/or weather. Outside the planetarium, students experiment with forces by launching rockets, and compare and contrast day and night. Also available as a Mobile Lab! Science: 1.ESS1.1, 1.ESS1.2, 1.ESS1.3, 1.ETS2.1, 2.ESS1.1, 2.ETS2.1, 3.ESS2.1, 4.ESS1.2, 5.PS1.4, 5.ESS1.1, 5.ESS1.2, 5.ESS1.3, 5.ESS1.4, 5.ESS1.5, 5.ESS1.6
Tennessee Ties (1st-5th Grade)
This program explores some of the cultural elements of early peoples in our region. By examining stone tools and ancient transportation, locating Native American geographical landmarks, and exploring legends in our inflatable planetarium, students learn about history, culture, and science in this exciting lesson! Science: 1.ESS1.1, 1.ESS1.2, 1.ESS1.3, 1.ETS1.1, 2.ETS1.1, 2.ETS1.2, 2.ETS1.3, 2.ETS1.4, 2.ETS2.1, 2.ETS2.2, 3.ETS1.1, 3.ETS1.2, 3.ETS2.1, 4.ETS1.2, 4.ETS1.4, 4.ETS1.1, 4.ETS2.1, 4.ETS2.2, 4.ETS2.3, 5.ETS1.1, 5.ETS1.2, 5.ETS1.3, 5.ETS2.1, 5.ETS2.2, 5.ETS2.3 Social Studies: 1.6, 1.7, 1.15, 1.18, 1.21, 1.23, 2.17, 2.38, 3.22, 4.2, 4.36

Weather Whizzes (K-5th Grade)
Meteorologists in the making! Step into the world of weather and discover how wind, temperature, and pressure affect our ever-changing environment. Also available as a STEAM Bus Mobile Lab! Science: K.ESS2, K.ESS3, K.ETS2, 1.ETS1, 2. ESS1, 2.ETS2, 2.ETS1, 2.ETS2, 3.ETS2, 3.ETS3, 3.PS3, 4.ESS2, 4.ETS2, 4.PS3, 5.PS2

Wetland Wonders (K-5th Grade)
Explore the urban wetlands that unique plants and animals call home. Weather permitting, students put on boots to wade in Murfree Spring, use a net to catch and release tadpoles, and have an up-close encounter with our wetlands animals. Available August - October, and April - May. Science: K.LS1.1, K.LS1.2, K.ESS3.1, K.ESS3.3, 1.LS1.3, 1.LS2.1, 1.LS2.2, 2.LS1.2, 2.ETS2.2, 3.LS4.1, 3.LS4.2, 4.LS2.4, 4.LS2.5, 5.LS1.1

Winter WonderLab (K-5th Grade)
Check out the coolest field study that the Discovery Center has to offer, literally! Explore STEAM topics in this winter themed field study with hot and cold reactions, winter animal adaptations and engineer a sled to keep all the kids inside down the 4ft snow hill! Available December – February. Science: K.PS1.2, K.ETS.2, K.LS1.3, K.PS1.2, K.ETS1.1, KLS1.2, 1.ETS1.1, 2.PS2.2, 2.PS3.1, 2.PS3.2, 2.ETS2.1, 2.ETS1.3, 2.ETS1.4, 2.ETS2.1, 2.LS1.1, 2.LS2.2, 3.PS1.1, 3.PS1.2, 3.ETS1.1, 3.ETS1.2, 3.LS1.1, 3.LS4.1, 3.LS4.2, 4.ETS1.1, 4.ETS2.2, 5.PS1.1, 5.PS1.1, 5.PS1.4, 5.ESS1.1, 5.ETS1.2, 5.ETS1.3

Preschool Field Studies

Animals All Around Pre-K
We have members of several groups in the animal kingdom: reptiles, birds, amphibians and mammals. In this 30 minute lab we provide up-close and hands-on encounters for your students. Also available as a Mobile Lab!

Wetland Wonders Pre-K
Explore the urban wetlands that unique plants and animals call home. In this 30 minute lab, students use a net to catch and release tadpoles in our lily pad pond and have an up-close, hands-on encounter with animals that can also be found in the wetlands. Available August - October, and April - May. (weather permitting)

www.exploretedc.org